

Abstract

An A/D converter includes a calibration apparatus handling occurrences of thermometer code bubbles in an A/D sub-converter in at least one A/D converter stage. The calibration apparatus includes means (30) for detecting two A/D sub-converter comparators causing a bubble, means (32, 34, 36) for increasing the threshold of the bubble causing comparator having the lowest threshold by a first predetermined voltage and means (32, 34, 36) for decreasing the threshold of the bubble causing comparator having the highest threshold by a second predetermined voltage.